



NATIONAL OPEN UNIVERSITY OF NIGERIA

Plot 91, Cadastral Zone, Nnamdi Azikwe Express Way, Jabi Abuja

FACULTY OF SOCIAL SCIENCES

DEPARTMENT OF PEACE AND CONFLICT RESOLUTION

2024 1 EXAMINATION

COURSE CODE: PCR711

COURSE TITLE: INTRODUCTION TO PEACE STUDIES

CREDIT UNIT: 3

TIME ALLOWED: 3 HOURS

INSTRUCTION: Answer any 4 questions. Each question carries an allocation of 17.5 marks. Total score is 70.

1. What are the four major criticisms and questions of peace building theory and practice you know?
2. Identify and discuss the two forms of military peace building.
3. List the nine traditional approaches to conflict prevention, management and resolution in Africa and explain any four.
4. Explain the three main causes of the weakness and erosion of indigenous peace institutions in Africa.
5. a. What three reasons have been advanced as justifications for the use of child soldiers in war?
b. What four solutions have been advanced to prevent the many predicaments that often befall children during conflict?

$$u = \frac{8\pi^5}{15(ch)^3} (k_B T)^4 = \alpha T^4 \quad \int_0^\infty \frac{x^3}{e^x - 1} dx = \frac{\pi^4}{15}$$

4. (a) Using graphical illustrations, explain electronic heat capacity
 (b) Give the definition of entropy in statistical physics
 (c) Give a general argument to explain why and under what circumstances the entropy of an isolated system will remain constant or increase.
5. (a) A classical harmonic oscillator of mass m and spring constant k is known to have a total energy E but its starting time is completely unknown. Find the probability density function $p(x)$ where $p(x)dx$ is the probability that the mass would be found in the interval dx at x .
 (b) What are the reduced density matrices in position and momentum spaces?